



DAFTAR PUSTAKA

- Bouaiss, O., Mechgoug, R., & Ajgou, R. (2020). Modeling, Control and Simulation of Quadrotor UAV. *IEEE*, 340–345. <https://doi.org/10.1109/ccssp49278.2020.9151687>
- Candan, B., & Soken, H. E. (2021). Robust attitude estimation using IMU-Only measurements. *IEEE Transactions on Instrumentation and Measurement*, 70, 1–9. <https://doi.org/10.1109/tim.2021.3104042>
- Castillo, J. X. C., Guico, M. L. C., & Galicia, J. K. A. (2024). Implementation of a Gesture-Detecting Smart Glove for Quadcopter Navigation. *IEEE*, 194–199. <https://doi.org/10.1109/icspc63060.2024.10862038>
- Dharmawan, A., Ichsan, L., Baskoro, H., Istiyanto, J. E., & Handayani, A. M. (2019). Attitude and horizontal speed control system on unmanned aerial vehicle using LQR. *2019 5th International Conference on Science and Technology (ICST)*, 1–6. <https://doi.org/10.1109/icst47872.2019.9166192>
- Eridani, D., Rochim, A. F., & Cesara, F. N. (2021). Comparative Performance Study of ESP-NOW, Wi-Fi, Bluetooth Protocols based on Range, Transmission Speed, Latency, Energy Usage and Barrier Resistance. *IEEE*, 322–328. <https://doi.org/10.1109/isemantic52711.2021.9573246>
- Farahan, S. B., Machado, J. J. M., De Almeida, F. G., & Tavares, J. M. R. S. (2022). 9-DOF IMU-Based Attitude and Heading Estimation Using an Extended Kalman Filter with Bias Consideration. *Sensors*, 22(9), 3416. <https://doi.org/10.3390/s22093416>
- Farhangian, F., & Landry, R. (2020). Accuracy Improvement of attitude determination systems using EKF-Based Error Prediction Filter and PI Controller. *Sensors*, 20(14), 4055. <https://doi.org/10.3390/s20144055>
- Harwidjaya, M. L., Frisky, A. Z. K., Ababiel, B. H., Suryadi, A. P., Fahrezi, A. R., & Prastowo, B. N. (2024). Low-Cost Hand Gesture Control for Swarm Quadrotor using Wearable Device in Indoor Environments. *IEEE*, 1–6. <https://doi.org/10.1109/isie54533.2024.10595765>
- Kang, P., Li, J., Fan, B., Jiang, S., & Shull, P. B. (2021). Wrist-Worn hand gesture recognition while walking via transfer learning. *IEEE Journal of Biomedical and Health Informatics*, 26(3), 952–961. <https://doi.org/10.1109/jbhi.2021.3100099>
- Liu, M., Zhang, F., & Lang, S. (2021). The Quadrotor Position Control Based on MPC with Adaptation. *IEEE*. <https://doi.org/10.23919/ccc52363.2021.9549626>



- Mohamed, N., Mustafa, M. B., & Jomhari, N. (2021). A review of the Hand Gesture Recognition System: current progress and future directions. *IEEE Access*, 9, 157422–157436. <https://doi.org/10.1109/access.2021.3129650>
- Peng, C., & Yang, Y. (2021). Trajectory Tracking of a Quadrotor based on Gaussian Process Model Predictive Control. *IEEE*, 4932–4937. <https://doi.org/10.1109/ccdc52312.2021.9602329>
- Prasetya, Widha Rizqika. (2025). *PENALAN KENDALI POSITION HOLDING PADA QUADROTOR MENGGUNAKAN METODE SIMULASI HARDWARE IN THE LOOP*, Fakultas MIPA, Universitas Gadjah Mada, Sleman.
- Putro, N. a. S., Dharmawan, A., & Priyambodo, T. K. (2017). Quadrotor Control System with Hand Movement Sign as an Alternative Remote Control. *IAES International Journal of Robotics and Automation (IJRA)*, 6(2), 131. <https://doi.org/10.11591/ijra.v6i2.pp131-140>
- Shehzad, M. F., Bilal, A., & Ahmad, H. (2019). Position & Attitude Control of an Aerial Robot (Quadrotor) With Intelligent PID and State feedback LQR Controller: A Comparative Approach. *IEEE*, 340–346. <https://doi.org/10.1109/ibcast.2019.8667170>
- Trinitatova, D., Shevelo, S., & Tsetserukou, D. (2025). Towards intuitive drone operation using a handheld motion controller. *2016 11th ACM/IEEE International Conference on Human-Robot Interaction (HRI)*, 1690–1694. <https://doi.org/10.1109/hri61500.2025.10974242>
- Wang, R., & Sun, C. (2023). A Gesture Recognition and Drone Control System based on Residual Neural Network. *2022 IEEE International Conference on Mechatronics and Automation (ICMA)*, 25–30. <https://doi.org/10.1109/icma57826.2023.10215930>
- Zhang, X., Zhou, C., Chao, F., Lin, C., Yang, L., Shang, C., & Shen, Q. (2021). Low-Cost inertial measurement unit calibration with nonlinear scale factors. *IEEE Transactions on Industrial Informatics*, 18(2), 1028–1038. <https://doi.org/10.1109/tii.2021.3077296>
- Zhu, Y., & Wang, Y. (2024). Improvement of Euler Angle Algorithm Based on Extended Kalman Filtering. *IEEE*, 619–623. <https://doi.org/10.1109/icmsp64464.2024.10867179>